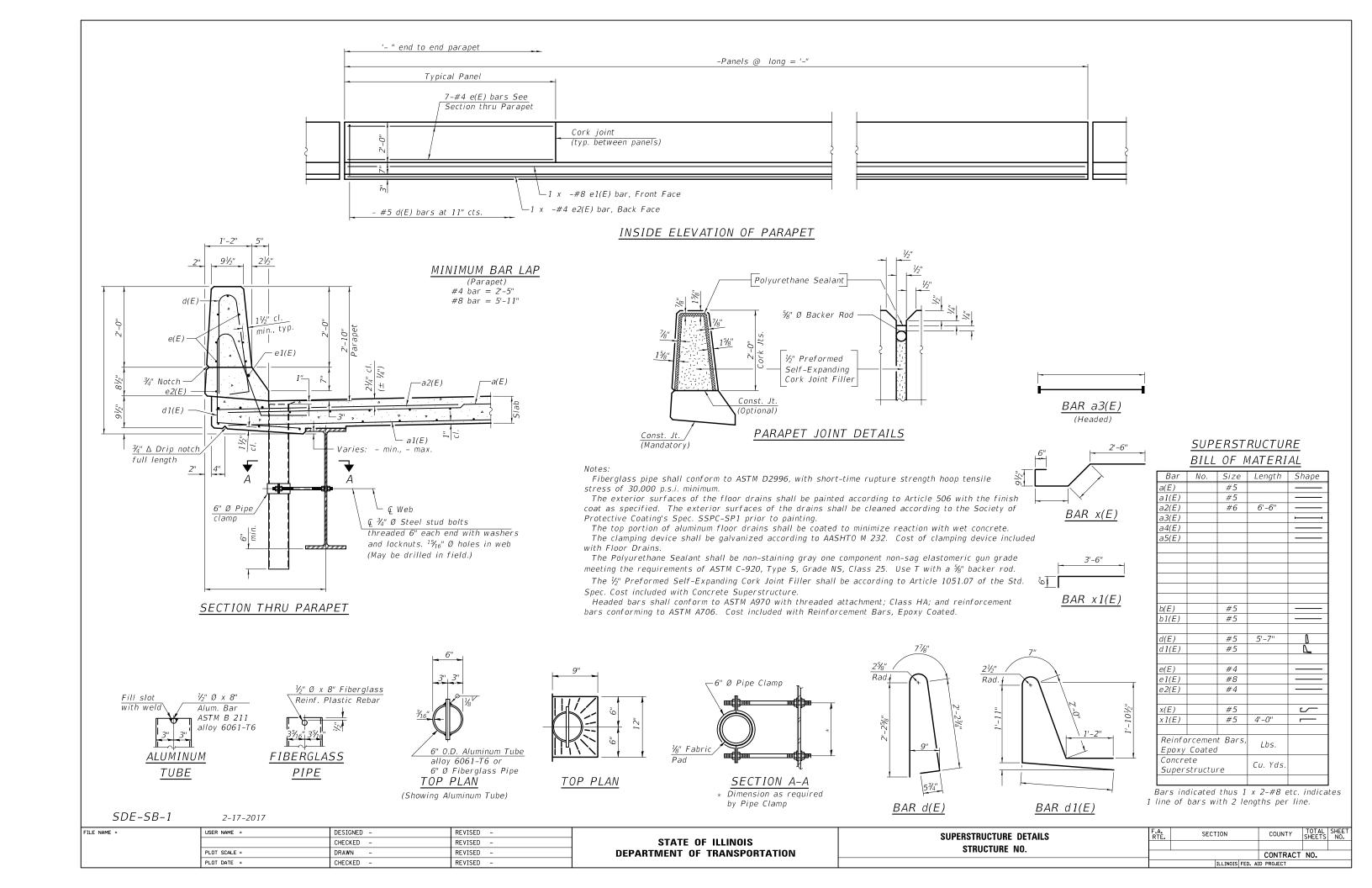
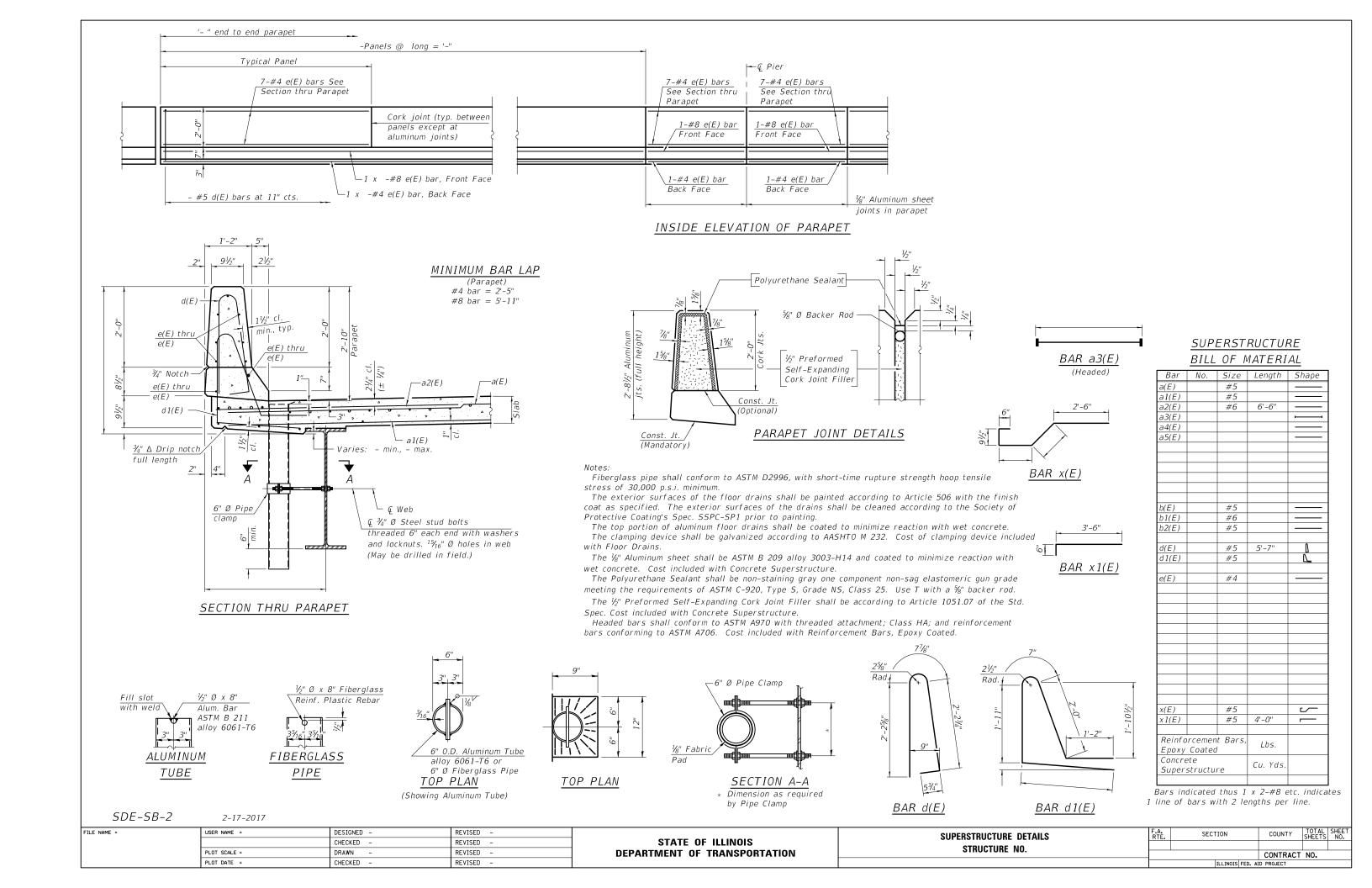
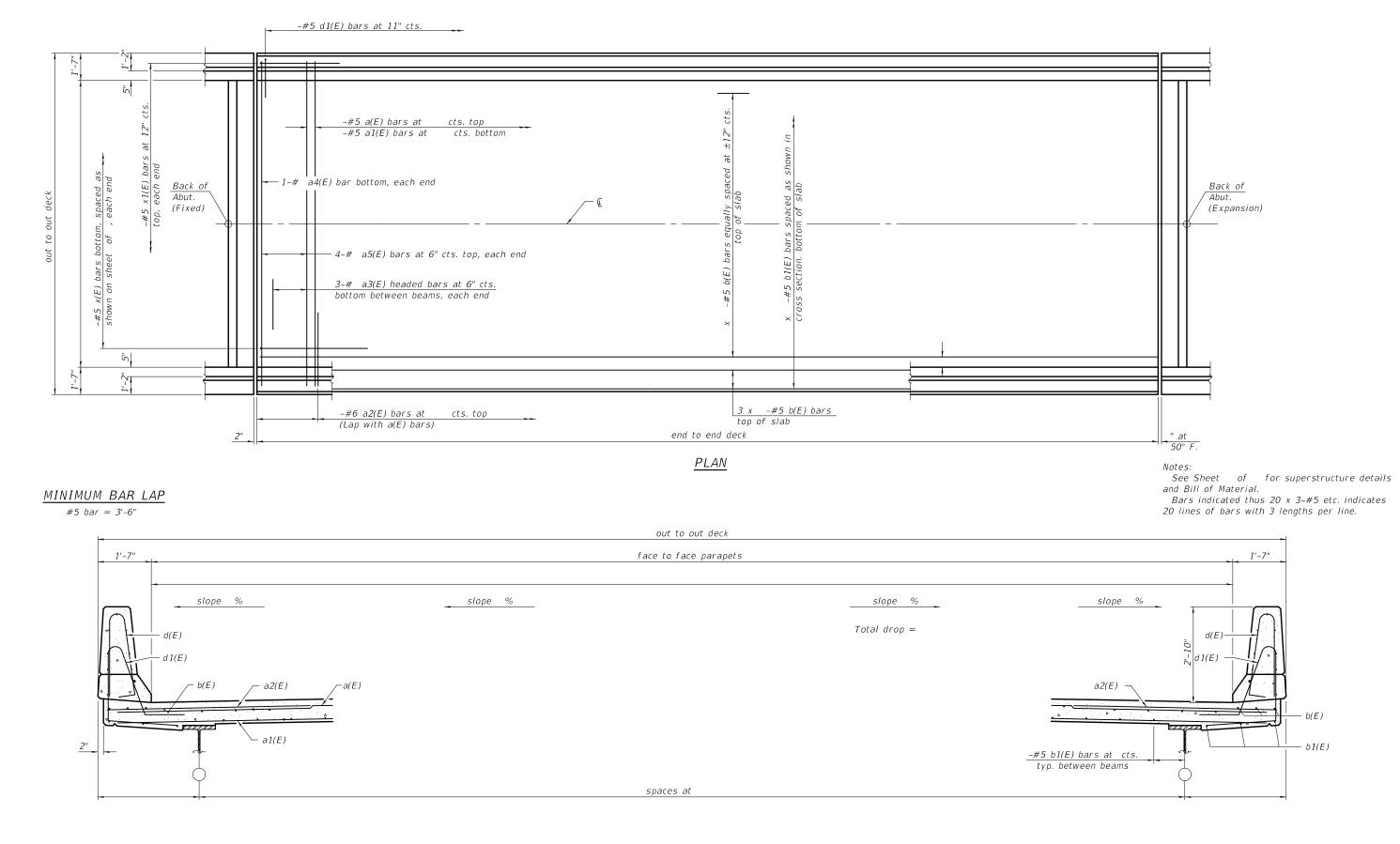
CELL / MODEL NAME	DESCRIPTION	DATE
SDE-SB-1	Superstructure Details; Expansion; Steel beam; Single span	2/17/2017
SDE-SB-2	Superstructure Details; Expansion; Steel beam; Multi-span	2/17/2017
SE-SB-1-0	Superstructure; Expansion; Steel beam; Single span; No skew	2/17/2017
SE-SB-1-L-Greater than 30 degrees	Superstructure; Expansion; Steel beam; Single span; Left skew; Greater than 30 degrees	2/17/2017
SE-SB-1-L-Less than or equal to 30 degrees	Superstructure; Expansion; Steel beam; Single span; Left skew; Less than or equal to 30 degrees	2/17/2017
SE-SB-1-R-Greater than 30 degrees	Superstructure; Expansion; Steel beam; Single span; Right skew; Greater than 30 degrees	2/17/2017
SE-SB-1-R-Less than or equal to 30 degrees	Superstructure; Expansion; Steel beam; Single span; Right skew; Less than or equal to 30 degrees	2/17/2017
SE-SB-2-0	Superstructure; Expansion; Steel beam; Multi-span; No skew	2/17/2017
SE-SB-2-L-Greater than 30 degrees	Superstructure; Expansion; Steel beam; Multi-span; Left skew; Greater than 30 degrees	2/17/2017
SE-SB-2-L-Less than or equal to 30 degrees	Superstructure; Expansion; Steel beam; Mulit-span; Left skew; Less than or equal to 30 degrees	2/17/2017
SE-SB-2-R-Greater than 30 degrees	Superstructure; Expansion; Steel beam; Multi-span; Right skew; Greater than 30 degrees	2/17/2017
SE-SB-2-R-Less than or equal to 30 degrees	Superstructure; Expansion; Steel beam; Multi-span; Right skew; Less than or equal to 30 degrees	2/17/2017



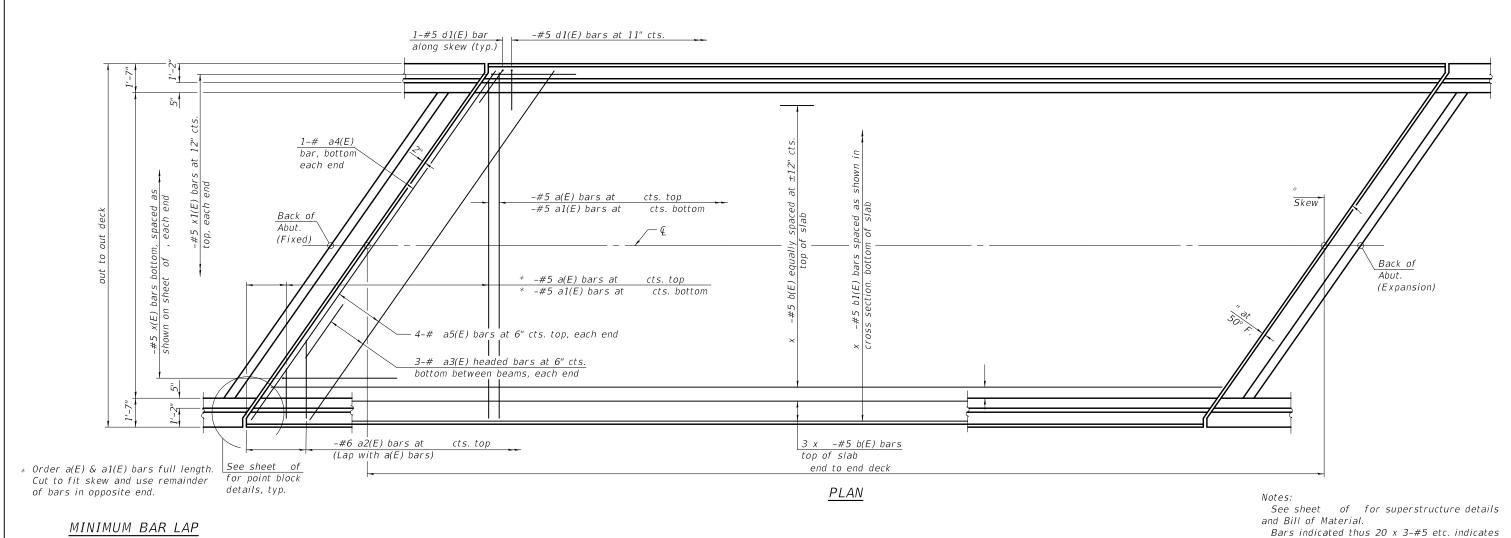




CROSS SECTION (Looking)

SE-SB-1-0 2-17-2017

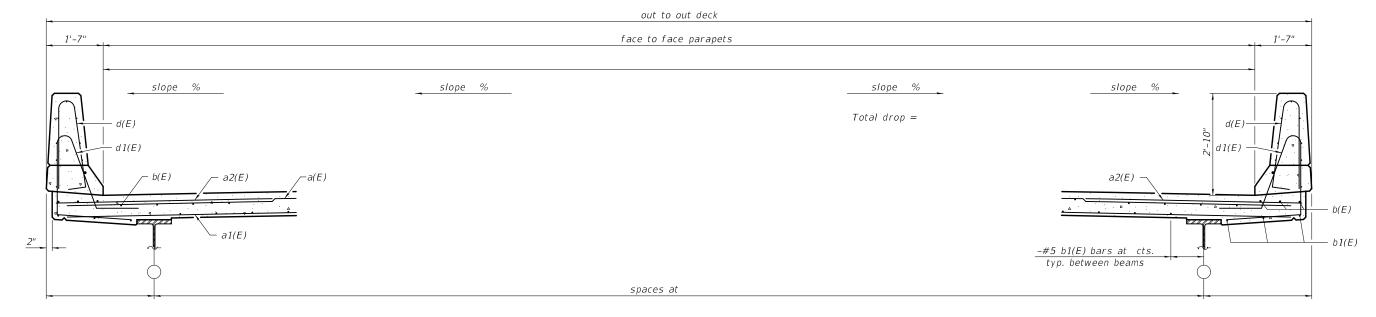
FILE NAME =	USER NAME =	DESIGNED -	REVISED -		SUPERSTRUCTURE	F.A.	SECTION	COUNTY	TOTAL SHEET
		CHECKED -	REVISED -	STATE OF ILLINOIS		11.12.			SHEETS NO.
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO.			CONTRACT	NO.
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS FED. A	ID PROJECT	



#5 bar = 3'-6"

Bars indicated thus 20 x 3-#5 etc. indicates

20 lines of bars with 3 lengths per line.

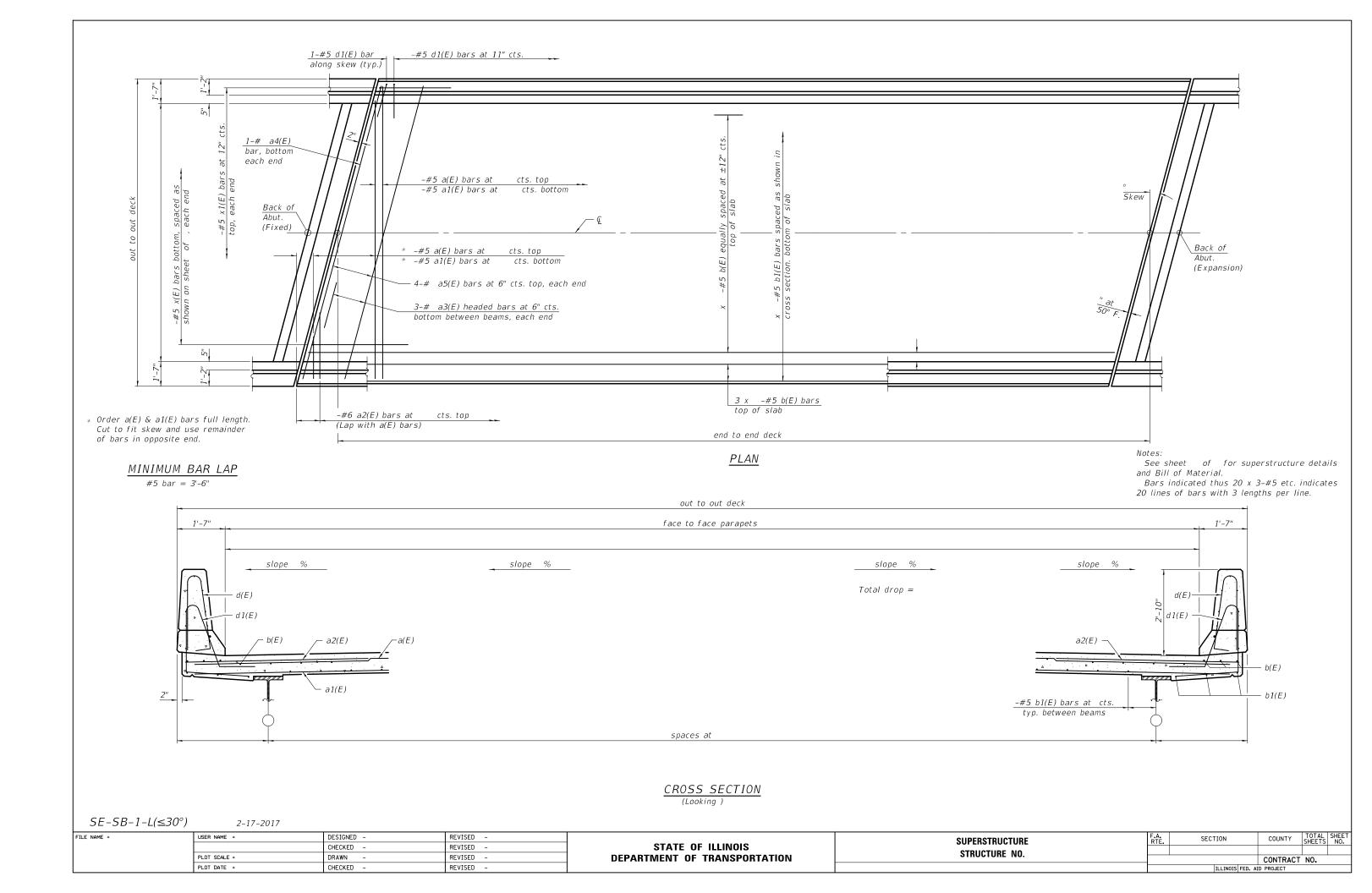


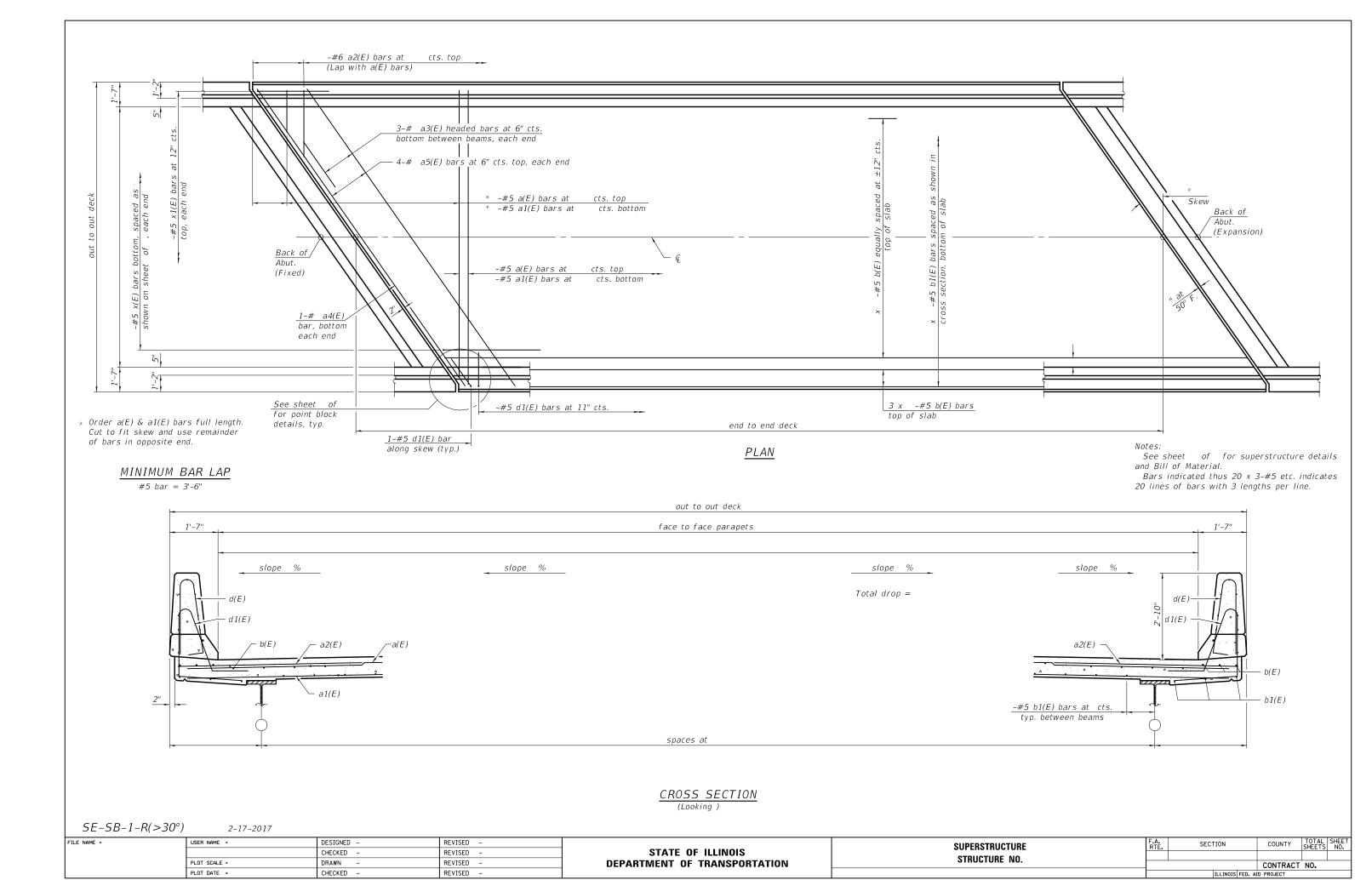
CROSS SECTION (Looking)

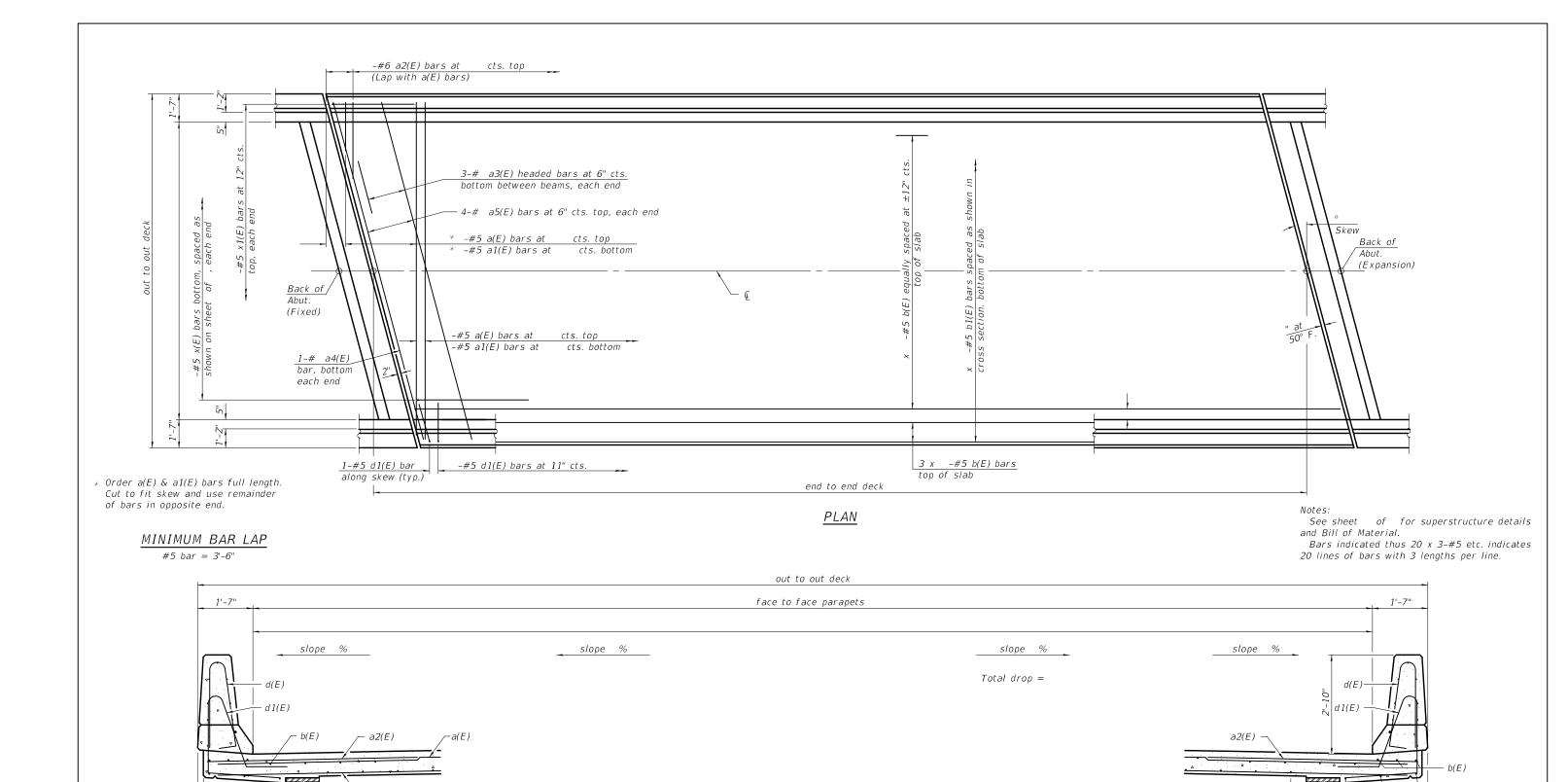
SE-SB-1-L(>30°)

2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -		SUPERSTRUCTURE	F.A.	SECTION	COUNTY	TOTAL SHEET
		CHECKED -	REVISED -	STATE OF ILLINOIS		1112			STILL TO
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO.			CONTRACT	NO.
	PLOT DATE =	CHECKED -	REVISED -					ID PROJECT	







CROSS SECTION (Looking)

spaces at

 $SE-SB-1-R(\leq 30^{\circ})$ 2-17-2017

FILE NAME =

USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

- a1(E)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

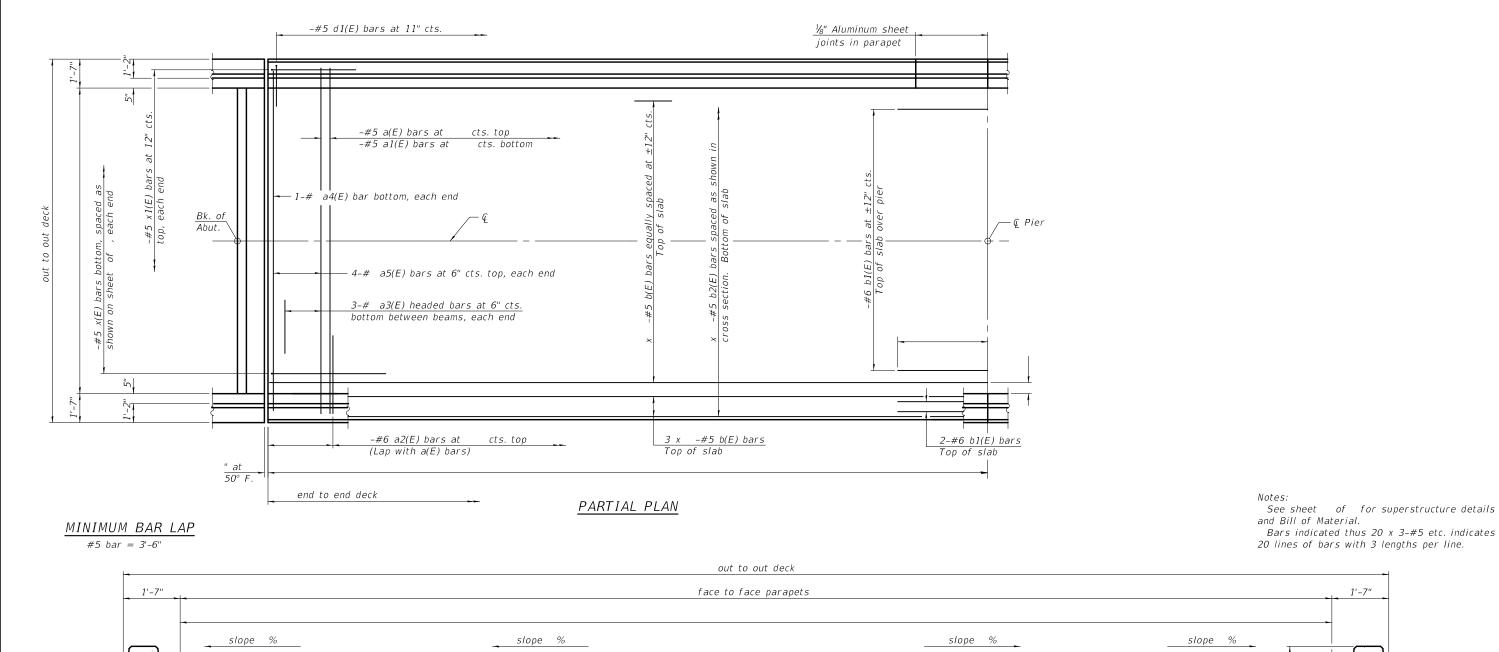
SUPERSTRUCTURE STRUCTURE NO.

-#5 b1(E) bars at cts. typ. between beams

F.A. SECTION COUNTY TOTAL SHEETS

CONTRACT NO.

- b1(E)



NEAR PIER

REVISED -

REVISED -

REVISED -

REVISED -

SE-SB-2-0

FILE NAME =

2-17-2017

DESIGNED -

CHECKED -

CHECKED -

DRAWN

USER NAME =

PLOT SCALE =

PLOT DATE =

 $\frac{slope \ \%}{slope \ \%} \qquad \frac{slope \ \%}{slope \ \%}$

 $\frac{CROSS\ SECTION}{(Looking\)}$

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

NEAR MIDSPAN

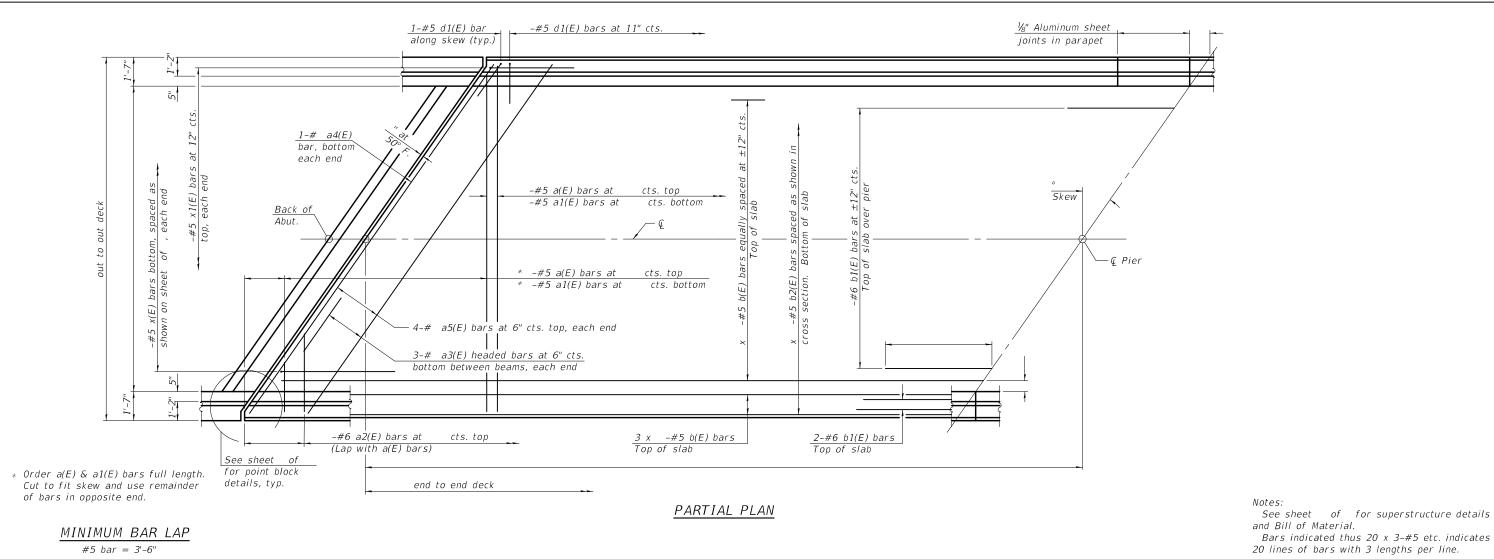
SUPERSTRUCTURE

STRUCTURE NO.

SECTION

COUNTY

CONTRACT NO.



out to out deck

1'-7" slope % d(E)d1(E) b(E) b2(E)

face to face parapets slope % slope % slope % Total drop = - b1(E) - a2(E) -a(E) b1(E) − a1(E) -#5 b2(E) bars at cts. typ. between beams spaces at

> NEAR PIER NEAR MIDSPAN

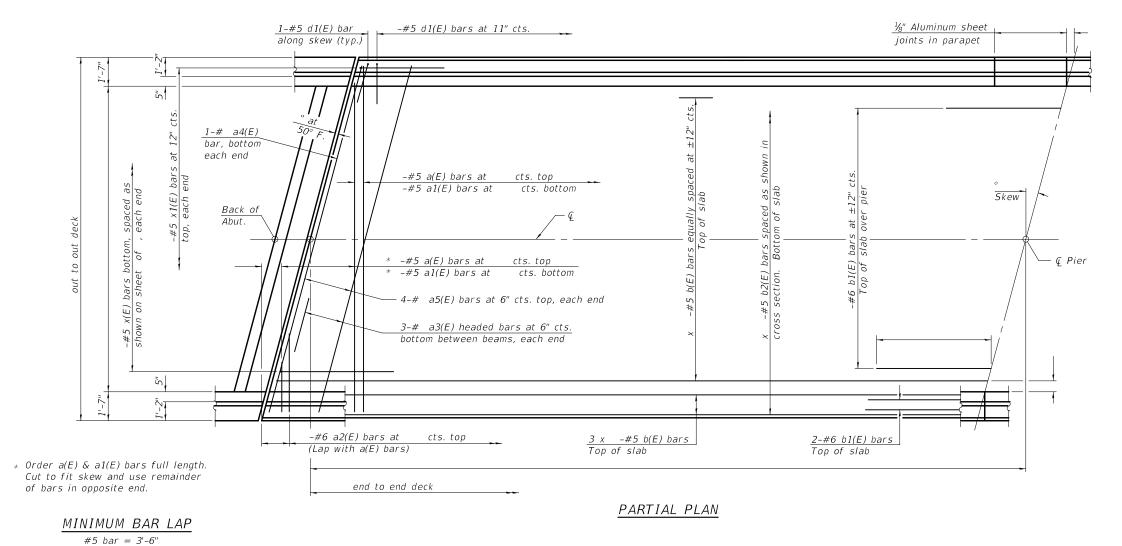
CROSS SECTION (Looking)

SE-SB-2-L(>30°)

FILE NAME

2-17-2017

AME =	USER NAME =	DESIGNED -	REVISED -		SUPERSTRUCTURE	F.A. S	SECTION COUNTY	TOTAL	HEET
		CHECKED -	REVISED -	STATE OF ILLINOIS	STRUCTURE NO.	NI CO		OHEE 10	
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	SINUCIUNE NU.		CONTRA	CT NO.	
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS FED. AID PROJECT		



NEAR MIDSPAN

See sheet of for superstructure details and Bill of Material. Bars indicated thus 20 x 3-#5 etc. indicates

20 lines of bars with 3 lengths per line.

out to out deck face to face parapets slope % slope % slope % slope % Total drop = d(E) d1(E) - b1(E) - a2(E) -a(E) b1(E) b(E) - a1(E) b2(E) -#5 b2(E) bars at cts. typ. between beams spaces at

NEAR PIER

CROSS SECTION (Looking)

SE-SB-2-L(≤30°)

2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -		SUPERSTRUCTURE	F.A.	SECTION	COUNTY	SHEETS	SHEET
		CHECKED -	REVISED -	STATE OF ILLINOIS		1112			SHEETS	110.
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO.			CONTRACT	Γ NO.	
	PLOT DATE =	CHECKED -	REVISED -				ILLINOI	S FED. AID PROJECT		

